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(56) Documents Cited

None

(58) Field of Search

**UK CL (Edition P) B8R RT7
Online: WPI**

(54) Abstract Title

Page turner

(57) A book has at least some of its pages (10) provided with magnetically permeable elements: a thimble (20) is provided for wearing on a finger of the user and incorporates a permanent magnet, for facilitating the turning of the pages of the book.

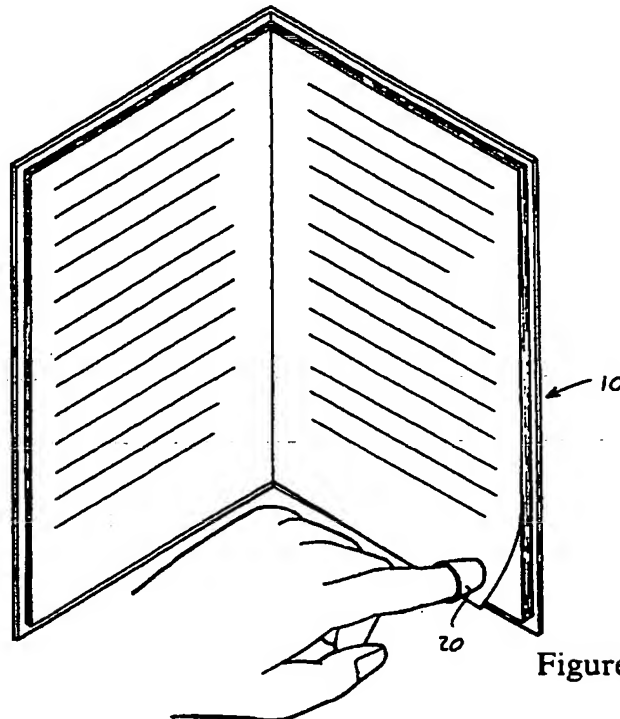


Figure 1

At least one drawing originally filed was informal and the print reproduced here is taken from a later filed formal copy.

The claims were filed later than the first filing and are subject to the provisions of Article 85(1) of the Patents Rules 1995

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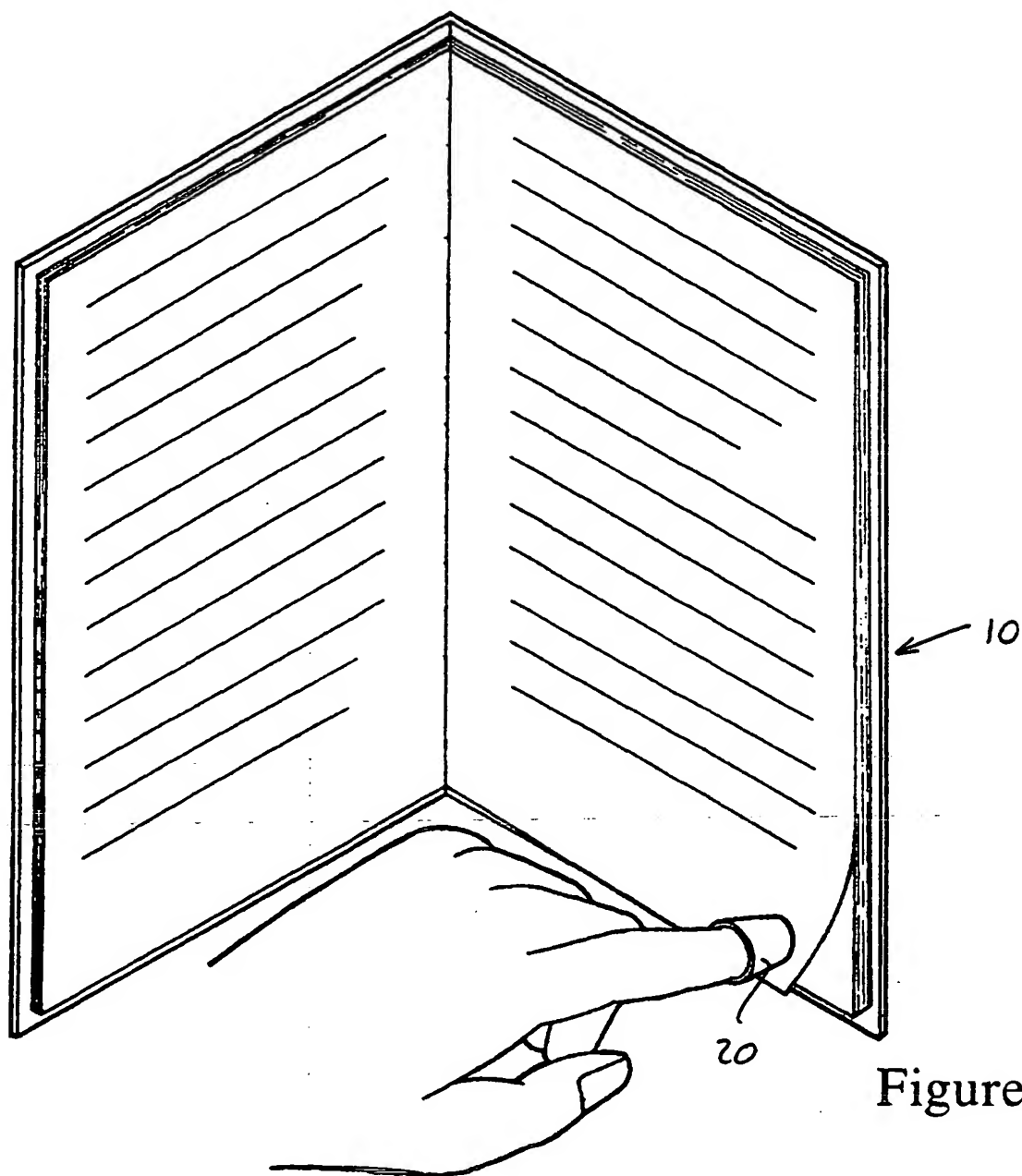


Figure 1

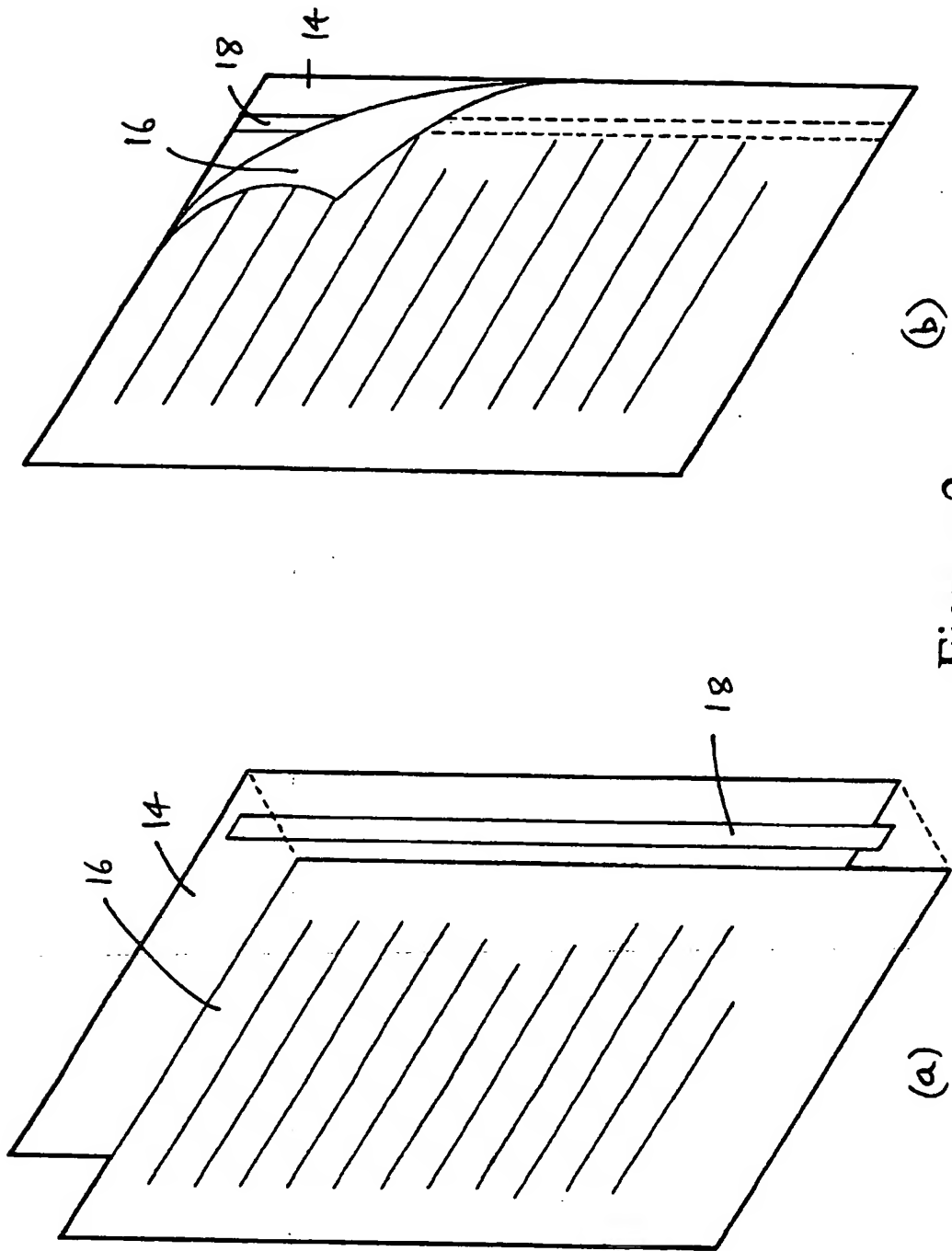


Figure 2

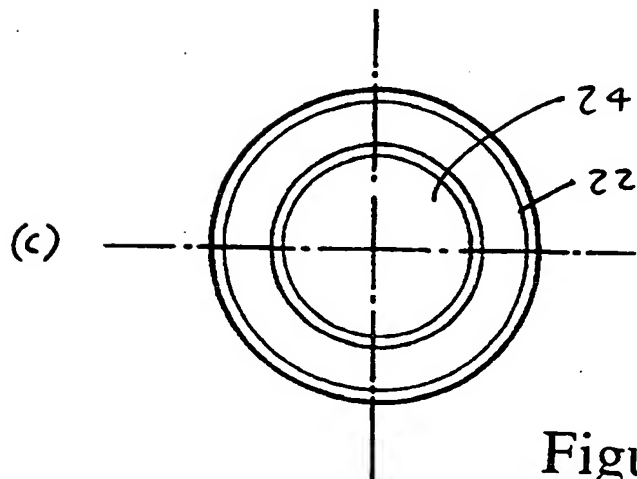
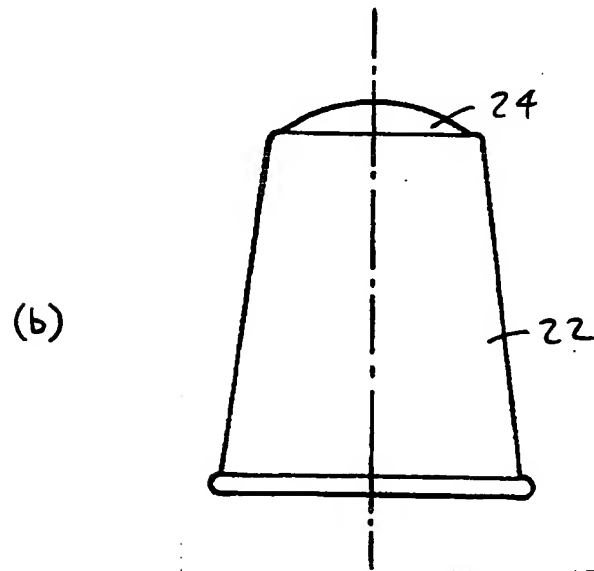
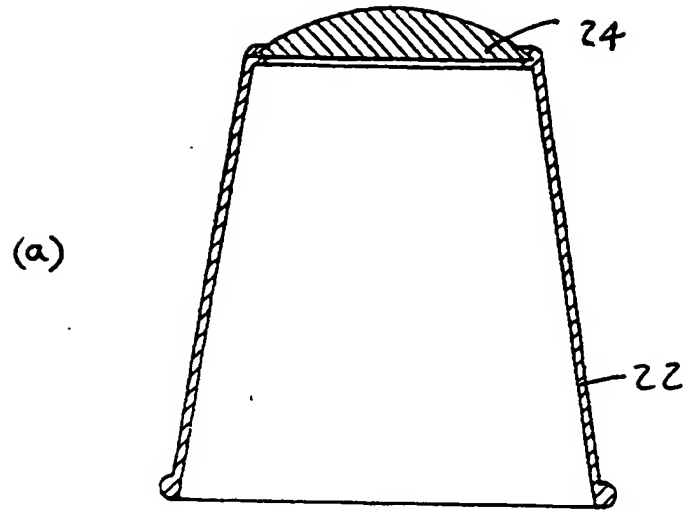


Figure 3

Page turning arrangements

The present invention relates to arrangements to facilitate the turning of the pages of a book.

Often those suffering from arthritis, for example, have difficulty turning the pages of a book. This can seriously detract from the reader's enjoyment of the book and can inhibit them from book reading altogether.

I have now devised arrangements for facilitating the turning of the pages of a book, these arrangements being simple and relatively inexpensive but, more importantly, being easy and effective to use.

In accordance with the present invention, there is provided a book at least some of the pages of which are provided with magnetically permeable elements, in combination with a thimble for the user to wear on a finger, the thimble incorporating a permanent magnet.

It will be appreciated that, in use, when the user wishes to turn a page of the book, he or she contacts the page with the thimble, at the area of the page at which its magnetically permeable element is located: this picks the page up under magnetic attraction and so facilitates the turning of the page.

The magnetically permeable element is preferably provided at or adjacent the outer edge of its page. Preferably the element extends substantially the full height of the page, but it may instead be localised at or adjacent the top or bottom corner of the page.

The magnetically permeable element may be incorporated into the page itself, either being interposed between two plies which make up the page or incorporated into a simple-ply paper during its manufacture. The magnetically permeable element may comprise a thread or strip.

The magnetically permeable element may however take a number of different forms. For example, it may comprise an area of magnetically permeable ink which is printed or otherwise applied to each page of the book. As another example, however, the magnetically permeable elements may

comprise self-adhesive tags.

The book may be packaged and marketed in combination with the magnetic thimble. In this case, the pages of the book may already be provided with the magnetically permeable elements. Instead, the book may be packaged and marketed in combination with the thimble and a set of magnetically permeable elements, for the user to apply these elements himself or herself to the pages of the book. As another option, a set of magnetically permeable elements may be packaged and marketed in combination with the magnetic thimble, but without any book: in this case, the purchaser can adapt a conventional book already in his possession, or separately obtained.

Therefore, also in accordance with the present invention, there is provided a kit for facilitating the turning of the pages of a book, the kit comprising a set of magnetically permeable elements for application to the pages of a book, in combination with a thimble for the user to wear on a finger, the thimble incorporating a permanent magnet.

The magnetically permeable elements may be partially magnetised, or in time will assume a degree of residual magnetism, with the effect that they will tend to hold the successive pages of the book closed together. This is however overcome when using the magnetic thimble to turn a page.

Preferably the outer end of the thimble forms a magnetic pole. Preferably the thimble has its permanent magnet positioned in the outer end of the thimble, the thimble may comprise a frusto-conical body with a disc-shaped permanent magnet closing its narrower end.

An embodiment of the present invention will now be described by way of example only and with reference to the accompanying drawings, in which:

FIGURE 1 is a view of a book the pages of which are provided with magnetically permeable elements in accordance with the invention, the pages being turned using a magnetic thimble worn on the user's index finger;

FIGURE 2 illustrates schematically one possible construction of the pages of the book; and

FIGURE 3 gives views of the magnetic thimble.

Referring to Figure 1 of the drawings, there is shown a book 10, at least some of the pages of which are provided with magnetically permeable elements at or adjacent the outer edge of the page. The user wears a thimble 20 on his or her index finger, the thimble 20 incorporating a small magnet at its outer end. By contacting the page of the book with the outer end of the thimble 20, at the location of the magnetically permeable element, then the page will be picked up by the thimble: the arrangement therefore facilitates the turning of the pages of the book.

The magnetically permeable element of each page may comprise a thread or strip incorporated into that page, for example as shown in Figure 2. In this case the page 12 is made up of two plies 14, 16 with a magnetically permeable strip 18 interposed between them, positioned to extend substantially the entire height of the page adjacent its outer edge. The magnetically permeable thread or strip may instead be incorporated into a simple-ply sheet during the manufacture of this.

As previously mentioned, the magnetically permeable element may be provided in any of several other forms. For example, a magnetically permeable ink may be printed or otherwise applied to appropriate areas of the pages of the book. As another option, magnetically permeable, self-adhesive tags may be provided, for application to the pages of the book.

Referring to Figure 3, the thimble 20 comprises a frusto conical body 22, the narrower end of which is closed by a magnetised-disc 24, the outer side of which is domed.

Also as previously mentioned, the book 10 may be packaged and marketed in combination with the magnetic thimble 20. In such case, the book 10 may already have the magnetically permeable elements incorporated in or applied to its pages: instead, however, a set of magnetically permeable elements (particularly if in the form of self-adhesive tags) may be provided with the book and thimble, for the purchaser to apply those elements to the pages of the book. As a further option, a set of magnetically permeable elements may be packaged and marketed in combination with the magnetic thimble, but without the book: this option is appropriate to enable the

purchaser to adapt a book already in his or her possession, or obtained separately.

It will be appreciated that the arrangements provided by the invention facilitate the turning of the pages of the
5 book and so benefit those who, whether suffering from arthritis or otherwise, have difficulty turning the pages of a conventional book.

Claims

- 1) A book at least some of the pages of which are provided with magnetically permeable elements, in combination with a thimble for the user to wear on a finger, the thimble incorporating a permanent magnet.
- 2) A book as claimed in claim 1, in which each magnetically permeable element is provided at or adjacent the outer edge of its page.
- 3) A book as claimed in claim 2, in which each magnetically permeable element extends substantially the full height of its page.
- 4) A book as claimed in claim 3, in which each magnetically permeable element is localised at or adjacent the top or bottom corner of its page.
- 5) A book as claimed in any preceding claim, in which each magnetically permeable element is incorporated into its page.
- 6) A book as claimed in claim 5, in which each magnetically permeable element comprises a thread or strip.
- 7) A book as claimed in any one of claims 1 to 4, in which each magnetically permeable element comprises an area of magnetically permeable ink applied to its page.
- 8) A book as claimed in any one of claims 1 to 4, in which said magnetically permeable elements comprise self-adhesive tags.
- 9) A kit for facilitating the turning of the pages of a book, the kit comprising a set of magnetically permeable elements for application to the pages of a book, in combination with a thimble for the user to wear on a finger, the thimble incorporating a permanent magnet.

10) A kit as claimed in claim 9, in which the magnetically permeable elements comprise self-adhesive tags.

11) ~~A book in combination with a thimble, substantially as herein described with reference to the accompanying drawings.~~

5 12) A kit for facilitating the turning of the pages of a book, the kit being substantially as herein described with reference to the accompanying drawings.



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Claims searched: 1, 9

Examiner: Howard Reeve
Date of search: 16 July 1998

Patents Act 1977 Search Report under Section 17

Databases searched:

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:

UK CI (Ed.P): B8R (RT7)

Int CI (Ed.6):

Other: Online: WPI

Documents considered to be relevant:

Category	Identity of document and relevant passage	Relevant to claims
	NONE	

X Document indicating lack of novelty or inventive step
Y Document indicating lack of inventive step if combined with one or more other documents of same category.
& Member of the same patent family

A Document indicating technological background and/or state of the art.
P Document published on or after the declared priority date but before the filing date of this invention.
E Patent document published on or after, but with priority date earlier than, the filing date of this application.